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Pi3900

User manual

PHILIPS

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Need help?
Please visit
www.philips.com/welcome
where you can access a full set of supporting materials such as the user manual, the latest software updates, and answers to frequently asked questions.

1 Important safety information

Safety

Only use attachments/accessories specified by the manufacturer.
Use only power supplies listed in the user manual.
The product shall not be exposed to dripping or splashing.
Do not place any sources of danger on the product (e.g. liquid filled objects, lighted candles).
Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
Where the plug of the Direct Plug-in Adapter is used as the disconnect device, the disconnect device shall remain readily operable.

Warning

- Never remove the casing of this apparatus.
- Never lubricate any part of this apparatus.
- Never place this apparatus on other electrical equipment.
- Keep this apparatus away from direct sunlight, naked flames or heat.
- Ensure that you always have easy access to the power cord, plug or adaptor to disconnect the apparatus from the power.

Hearing Safety

Warning

- **To prevent possible hearing damage, do not listen at high volume levels for long periods.**
- Excessive sound pressure from earphones and headphones can cause hearing loss.

Compliance

This product complies with the requirement of the 1999/5/EC directive.

A copy of the EC Declaration of Conformity is available in the Portable Document Format (PDF) version at www.philips.com/support.

Note

- The type plate is located on the back of the product.

Care of the environment

Environmental information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet.)
Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, and old equipment.

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.

When this crossed-out wheeled bin symbol is attached to a product it means that the product is covered by the European Directive 2002/96/EC.
Please inform yourself about the local separate collection system for electrical and electronic products.
Please act according to your local rules and do not dispose of your old products with your normal household waste. Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.

Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed with normal household waste.Please inform yourself about the local rules on separate collection of batteries because correct disposal helps to prevent negative consequences for the environmental and human health.

Always bring your product to a professional to remove the built-in battery.

Notice

Written Offer

Philips Electronics Hong Kong Ltd. hereby offers to deliver, upon request, a copy of the complete corresponding source code for the copyrighted open source software packages used in this product for which such offer is requested by the respective licenses.
This offer is valid up to three years after product purchase to anyone in receipt of this information. To obtain source code, please contact open.source@philips.com. If you prefer not to use email or if you do not receive confirmation receipt within a week after mailing to this email address, please write to "Open Source Team, Philips Intellectual Property & Standards, P.O. Box 220, 5600 AE Eindhoven, The Netherlands." If you do not receive timely confirmation of your letter, please email to the email address above.

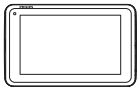
This product is partly based on Open Source software. The license text and acknowledgment can be retrieved from the device under > About tablet > Legal information.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V or their respective owners. Philips reserves the right to change products at any time without being obliged to adjust earlier supplies accordingly.

2 Your new tablet

What's in the box

Make sure that you have received the following items:
Pi3900



USB power adapter

USB cable

Quick start guide

Safety and Warranty sheet

Note

- The images serve as reference only. Philips reserves the right to change color/design without notice.

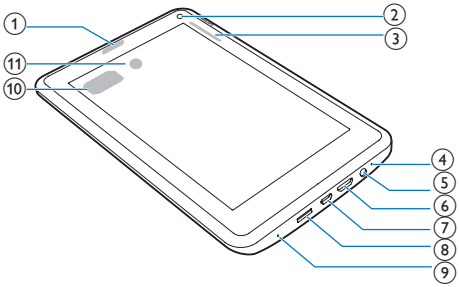
Files loaded on the device

The following files are loaded on **Pi3900**:

- User manual

Overview

Controls



① **Power/ lock button**
- Press and hold: switch on or off the device.
- Press: lock/unlock the screen; To unlock the screen, drag the lock to an icon.

② **Front camera lens**

③ **+, –**
- Press: increase/decrease the volume.
- Press and hold: increase/decrease fast.

④ **MIC**
- Microphone

⑤
- 3.5-mm headphone connector

⑥ **MINI HDMI**
- connector for the audio/ video output to a high-definition TV (HDTV)

⑦
- USB connector for data transfer and power charging

⑧ **MICRO SD**
- Slot for Micro SD card

⑨ **RESET**
- Press the hole by using the tip of a ball pen when the screen does not respond to the pressing of keys.

⑩ Speaker

⑪ Rear camera lens

Home screen

① **Browser: Browse Web pages.**
APPS/WIDGETS: List all apps or widgets.
Settings: Customize the settings of **Pi3900**.

② **: Tap to return to the Home screen.**
: Go back one level.
: Display recent applications that you have accessed.
(for some apps): View the options menu.

③ **Google Search**
- : Use the quick search box to search on **Pi3900** or the Web.

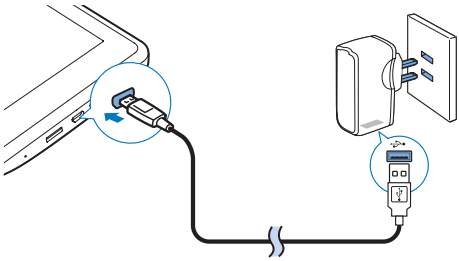
④ **Notifications, time, setup status**
- Drag down the bar to check the details and select setup options.

3 Get started

Charge power

Pi3900 has a built-in battery that can be charged through the USB connector of the supplied USB power adapter.
The first time you use **Pi3900**, charge **Pi3900** for more than eight hours.

- By using the USB cable, connect **Pi3900** to the supplied USB power adapter.



Note

- Rechargeable batteries have a limited number of charge cycles. Battery life and number of charge cycles vary by use and settings.

Conserve battery power

- To conserve battery power and increase the play time, do the following:

Use the power control widget

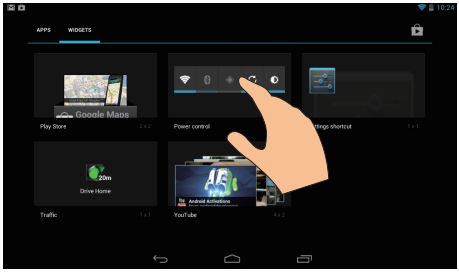
With the power control widget, you can switch off the functions conveniently when they are unnecessary.

To add the widget to the Home screen,

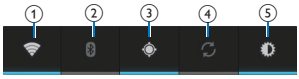
1 From the Home screen, select ⊕ > WIDGETS.

2 Swipe left/ right to find the Power control widget.

3 Tap and hold the widget to add to the Home screen.



To use the widget,



1. Switch on or off Wi-Fi
2. Switch on or off Bluetooth
3. Switch on or off GPS
4. Switch on or off background sync (for some apps, like mail)
5. Change the screen brightness

Use the sleep mode

After the selected time duration, **Pi3900** goes to the sleep mode, and the screen switches off automatically. To save battery power, do the following:

- Go to ⊞ > **Display** > **Sleep** to set the screen-off timer to a low value.
- To switch off Wi-Fi during the sleep mode,
  1. Go to ⊞ > Wi-Fi.
  2. At the top bar, select ⋮ > Advanced > Keep Wi-Fi on during sleep. Select Never.

Switch the device on or off

Press and hold the power/ lock button until the device is switched on or off.

4 Basics

Find apps

Navigate on the Home screen to find an app:

- Swipe left/ right to select a page;
- Alternatively, tap ⊞ to open the list of apps. Swipe left/ right to scroll through the list;
- Use the navigation buttons ⌂ / ⮌ to switch between screens. Tap ▭ to go to the apps that you have accessed recently.

Tip

- On **Pi3900**, you can install apps from the **Play Store** or other sources.

Play Store:
- Download different apps, games, and others.

Play Music:
- Play music that you store on **Pi3900**.

Gallery:
- View pictures and videos that you store or make on **Pi3900**.

Camera:
- Take photos or record videos.

Movie Studio
- Edit video clips.

HDMISwitch:
- Select the HDMI output options for your **Pi3900**. Select the resolution that your TV supports.

Browser:
- Browse Web pages.

Google Search:
- Search on **Pi3900** or the Web.

Voice Search

Downloads:
- View the list of your downloads from the Web.

Settings:
- Customize the settings of **Pi3900**.

ES File Explorer:
- Browse the files/ folders on **Pi3900**, install apps, and manage files.

- **Email**:Set up your email account on **Pi3900**.

Calendar:
- Add events, and set reminders for your events.

Clock:
- Set the alarm clock.

Calculator

Use the screen

Switch screen rotation on or off

1 Drag down the top bar.

2 In the pull-down menu, tap 🔒 / ⦸ to switch screen screen rotation on or off.

Lock/ unlock the screen

By locking the screen, you can lock all the touch controls on the screen. Thus, undesired operations are prevented.

Auto lock

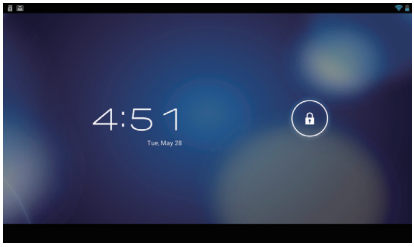
After a time duration, the screen dims and is locked automatically. To set the time duration, go to > **Display** > **Sleep**.

To lock the screen manually

- Press the power/ lock button.

To unlock the screen

1. If necessary, press the power/ lock button to display the lock.
2. Drag the lock to an icon.

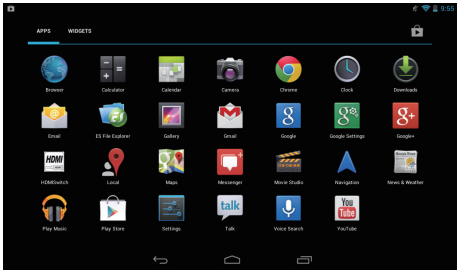


Customize the Home screen

To access functions quickly from the Home screen, you can add and rearrange items.

Add application icons and widget

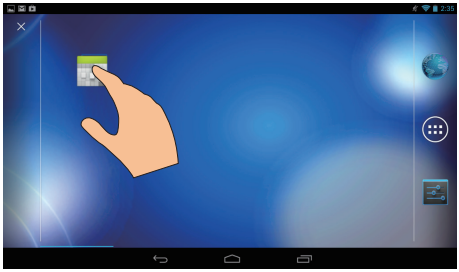
1. Swipe left/ right to select a page.
   - If necessary, tap to return to the Home screen.
   - Make sure that the page isn't filled.
   - Tap . Tap **APPS** or **WIDGET** to open the list of apps or widgets.



2. Tap and hold an icon or widget until the page is displayed.
   ↳ The icon or widget is added to the selected page.

Delete items

1. Tap and hold an item to unlock.
2. Drag the item to ✕.



Relocate items

1. Tap and hold an item to unlock.
2. Drag the item to a space on the page.
3. Release the item.
   ↳ The item moves to the space.

Add wallpapers

1. From the Home screen, go to > **Display** > **Wallpaper**.

2 Select your options.

Text entry

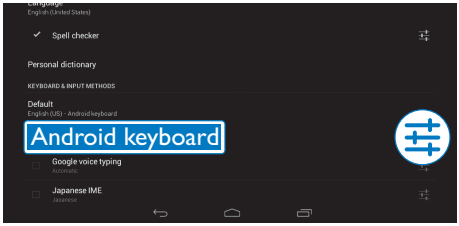
With the onscreen keyboard, you can enter text in multiple languages.

Select input methods

1 From the Home screen, select **Settings** > **Language & input**.

2 Select your input methods:
Android keyboard: for multiple languages other than Japanese and Chinese
Google voice typing: for text input through voice
Japanese IME: for Japanese input
Google Pinyin: for Chinese Pinyin input and English input

3 To select your input options, tap ⚙ next to the input method.



Enter text

1 Tap the text box to show the onscreen keyboard.

2 Tap on the keys to enter text.

To delete the entry before the cursor,

- Select ⌫.

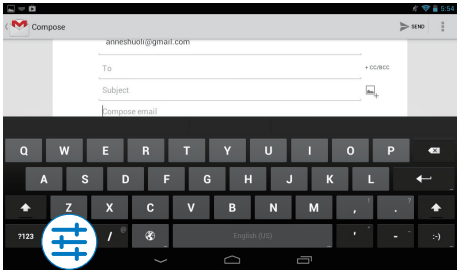
To move to the next line,

- Select ↵.

Use the Android keyboard

Select keyboard settings or input languages

- On the onscreen keyboard, tap ⚙.



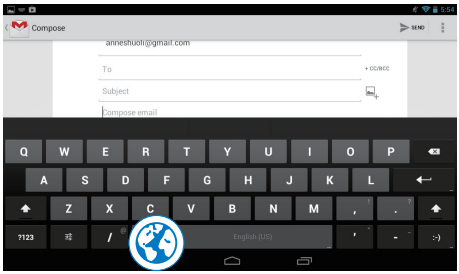
Switch between selected input languages

1 Add to the option list the languages that you often use.

① **On the onscreen keyboard, tap ⚙ >Input languages.**

② **Tap the checkbox to select languages.**

2 On the onscreen keyboard, tap and hold 🌐 to select a language.



Switch between letters and numbers/ symbols

- Tap ?123 or ABC.

Tip

- On the numeric/symbol keyboard, tap ~\{ to switch between numbers/symbols and more symbol choices.

Switch between upper and lower cases

- Tap ⬆ repeatedly to switch between ⬆ and ⇧.
  ⬆ : The next letter you enter is in upper case.
  ⇧ : All letters you enter are in lower case.

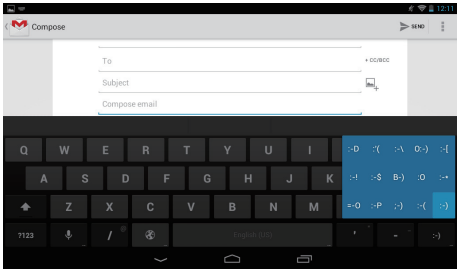
To switch to the input mode of all upper cases,

1 Tap and hold ⬆ or ⇧.
  ↳ The button changes to blue.

2 When a click sounds, release the button.
  ↳ ⇪ is displayed.
  ↳ All letters you enter are in upper case.

Switch to other options on a button

- Tap and hold the button that is marked with a symbol at the lower/upper right corner.
  ↳ A pop-up screen is displayed.



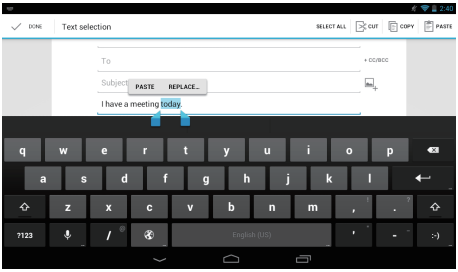
Edit text

You can cut, copy, and paste the text that you have entered.

Copy or paste the selected text

1 Tap and hold the text until the pop-screen is displayed.
  ↳ Current word is selected, with marks for start and end positions.

2 Drag the marks to select or change the start/ end positions.
  - Tap **Select all** to select all the text.

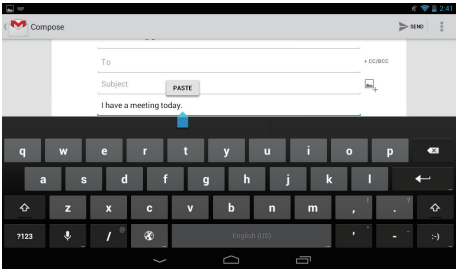


3 Tap **Copy** or **Cut**.
  ↳ The selected text is copied or cut.

Paste the selected text

1 Put the cursor in a position.

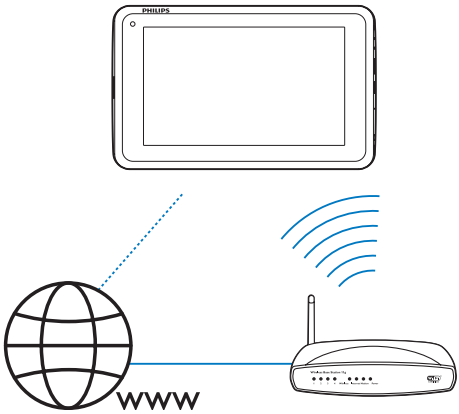
2 Tap and hold the position until the pop-screen is displayed.
  ↳ In the pop-up screen, the option **Paste** is displayed.
  ↳ Tap **Paste**. The text is pasted in the selected position.



5 Connections

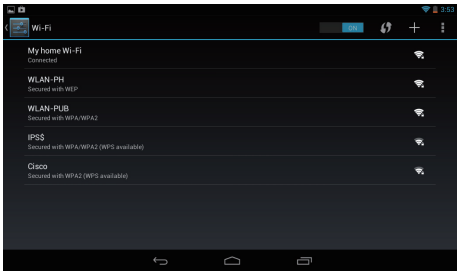
Connect to the Internet

Connect **Pi3900** to a wireless router (Access Point). You can connect **Pi3900** to the network that is built around the router.
To connect to the Internet, make sure that the router connects to the Internet directly and no dial-up is required on the computer.



1 From the Home screen, tap **Settings** > **Wi-Fi**.

2 Select the option to switch on the Wi-Fi function.
↳ You see a list of Wi-Fi networks in range.



3 Connect **Pi3900** to a network:

① Tap to select a network.

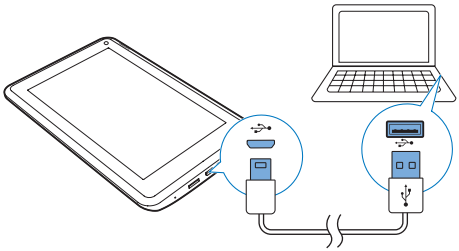
② On the pop-up screen, enter the password to the network.
↳ is displayed in the status bar when the Wi-Fi connection is completed successfully.
↳ Next time you switch on **Pi3900**, **Pi3900** connects to the previously connected network automatically.

Note

- If MAC address filtering is enabled on your router, add the MAC address of **Pi3900** to the list of devices that are allowed to join the network. To find the Wi-Fi MAC address, go to **Settings** > **About tablet** > **Status** on the Home screen.
- To refresh the list of networks, select > **Scan** at the upper-right corner of the screen.
- If you have disabled SSID broadcasting or hidden the Service Set Identifier (SSID) of the router, manually enter the SSID or public name for the network. Go to **Settings** > **Wi-Fi**. On the top bar, select +.
- If the DHCP (Dynamic Host Configuration Protocol) is unavailable or disabled on the router, manually enter the IP address of **Pi3900**.

Connect to your PC

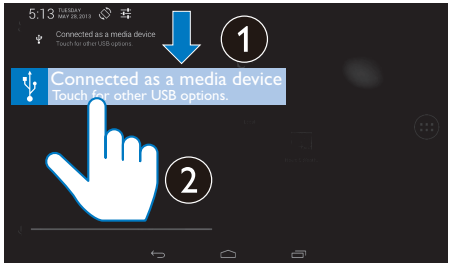
Connect **Pi3900** to a PC through the USB cable.

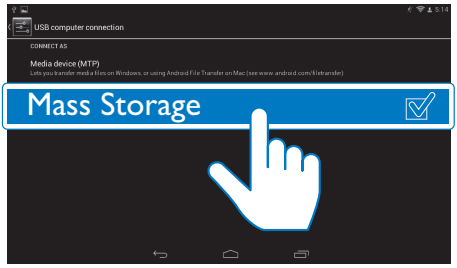


Do the following to transfer apps or media files from your PC to **Pi3900**,the internal storage or SD card:

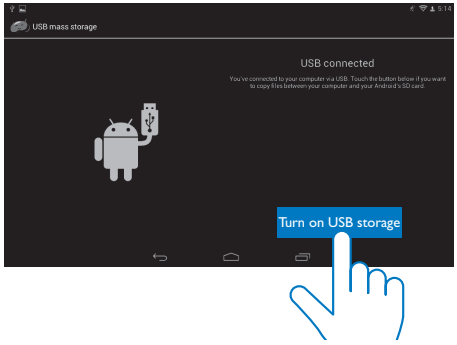
- In Windows Explorer, drag and drop apps or media files from your PC to **Pi3900**.

① Drag down the top bar to select Mass storage as the USB connection mode.





② Turn on the USB mass storage.



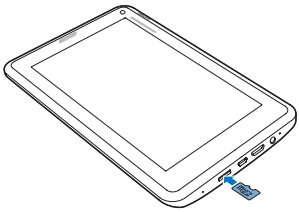
- Alternatively, transfer media files to **Pi3900** through media management software, such as **Windows Media Player 11**.
  Drag down the top bar to select **Media device (MTP)** as the USB connection mode.

Tip

- You can also select the mode of USB computer connection in **Settings** > **Storage**. On the top bar, tap ⋮ > **USB computer connection**, and then, select **Mass Storage** or **Media device (MTP)**.

Use a Micro SD card

Insert a Micro SD card (up to 32 GB) into **Pi3900**. You can expand the memory size of **Pi3900**.



Move apps to the SD card

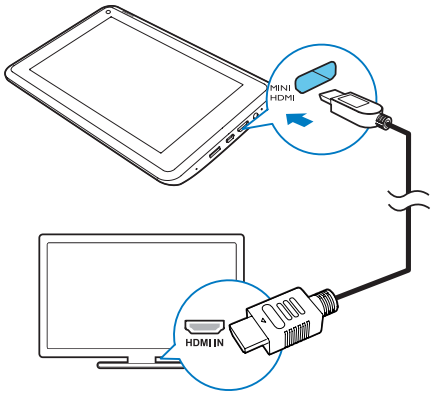
Move some apps from the internal storage to the SD card. You can expand the internal storage of Pi3900.

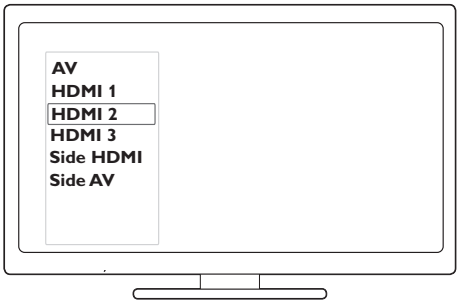
Connect to an HDTV

Connect **Pi3900** to a high-definition TV (HDTV). You can watch on the HDTV the photos and videos that play on **Pi3900**.

1 On **Pi3900**,

① **Connect an HDMI cable (sold separately) to:**
the **MINI HDMI** socket on **Pi3900**, and the **HDMI** input socket on the TV.

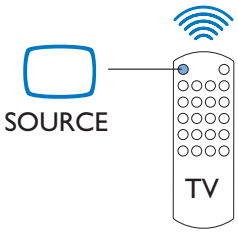




② Make sure that you have switched on the HDMI output:
Tap Settings > HDMI. Switch on Enable auto switch.

2 On the TV, switch to the input source of Pi3900:

- On the remote control of your TV, use the source button to select the input connector that connects to Pi3900.



3 On Pi3900, tap APPS > HDMI Switch. Select the output resolution that your TV supports.

- On Pi3900, when the MINI HDMI connector is in use, press the Power/lock button to return to the previous screen.

Tip

- As a compact audio/video interface, HDMI transmits uncompressed digital data. With the HDMI connection, high-definition video/audio contents can present optimum video and audio quality on an HDTV.

Connect to Bluetooth

Through Bluetooth, you can do the following wirelessly on Pi3900:

- Receive or send files from or to another connected Bluetooth device;

- Listen to music through stereo Bluetooth headphones;
- Listen to music through Bluetooth speakers, like **Philips SHOQBOX**.

Connect with Bluetooth devices

You can connect **Pi3900** with Bluetooth devices in the following ways:

- Connect another Bluetooth device;
- Get connected by another Bluetooth device.

Tip

- Before the connection, consult the user manual of the Bluetooth device to get its Bluetooth pairing passcode. Or, try 0000 or 1234.

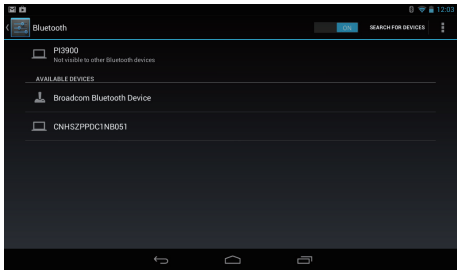
Connect another Bluetooth devices

1 Make sure that the device is discoverable by another Bluetooth device.
   - Consult the user manual of the Bluetooth device for information.

2 On **Pi3900**, search for the Bluetooth device:

   ① **From the Home screen, tap Settings > Bluetooth.**

   ② **Select the option to switch on Bluetooth.**
   ↳ is displayed on the status bar.



   ③ **Tap SEARCH FOR DEVICES.**
   ↳ The device is displayed under **AVAILABLE DEVICES** after it is discovered.

3 Pair with the device:
   - On **Pi3900**, tap the device, and enter the passcode as prompted;
   - On the device, enter the passcode as prompted.
     ↳ A message is displayed when the pairing is complete.

Get connected by another Bluetooth devices

1 Make sure that **Pi3900** is discoverable by another Bluetooth device:

   ① **From the Home screen, tap Settings > Bluetooth.**

   ② **Select the option to switch on Bluetooth.**

   ③ **Tap Pi3900.**
   ↳ *Pi3900 is discoverable for two minutes.

2 On the Bluetooth device, search for and pair with **Pi3900**.
   - For information about the steps, consult the user manual of the Bluetooth device.

Tip

- * To change the device name of **Pi3900**, go to **Settings** > **Bluetooth**, tap ⋮ and select **Rename tablet**.

Send or receive files through Bluetooth

Send files to another Bluetooth device

1 Make sure that
   - you have paired **Pi3900** with the Bluetooth device;
   - on **Pi3900** and Bluetooth device, Bluetooth is on.

2 On **Pi3900**, send files through Bluetooth:

   ① **In Gallery, play a photo. Tap > Bluetooth.**

② **Tap the paired device to start sending.**
↳ When sending or receiving is in progress, is displayed at the top of the screen.

3 On the Bluetooth device, receive the files:
- Confirm as prompted.
- Save the files as prompted.

Receive files from Bluetooth device

1 Make sure that
- you have paired **Pi3900** with the Bluetooth device;
- on **Pi3900**and Bluetooth device, Bluetooth is on.

2 On the Bluetooth device, send files to **Pi3900** through Bluetooth.

3 On **Pi3900**, receive the files:
- At the top of the screen, tap . Confirm as prompted.
↳ You can also find the received files in **Settings**> **Bluetooth**. Tap and select **Show received files**.

Listen to music through stereo Bluetooth headphones and speakers

Connect the stereo Bluetooth headphones or speakers

↳ Follow the steps under"Connect another Bluetooth device".After successful connection, is displayed .

↳ Next time you switch on Bluetooth on the devices, the Bluetooth connection is established automatically.

Listen to music through the stereo Bluetooth headphones or speakers

- Play music on **Pi3900**.
↳ You listen to the music through the connected Bluetooth headphones or speakers.

Connect to GPS

To access location services, switch on the GPS function to connect to GPS (Global Positioning System).

- From the Home screen, tap **Settings > Location services > GPS satellites**. Switch on the function.
- Alternatively, use the power control widget to switch the GPS function on or off.

6 Apps

With apps, you can access functions, services, and different audio/ video content on **Pi3900**.

Install apps

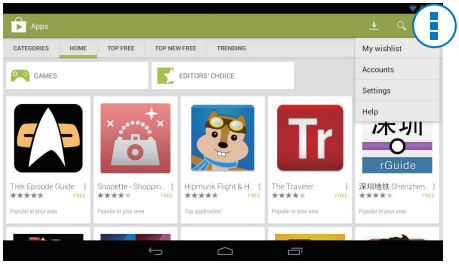
On **Pi3900**, you can install apps from

- (**Play Store**) over the Internet; or
- other sources, such as other online sources, the internal storage of **Pi3900**, and the Micro SD card that you have inserted into **Pi3900**.

Play Store

1 Log in to or create your Google account to access Google services.
To add a Google account, do the following:

① **Go to (Play Store). Tap > Accounts.**



② **Select Add account.**

③ **Follow onscreen instructions to add an account.**

2 Search for apps as needed.
- Tap for keyword search.

3 Download the app:
- Tap the app. Confirm as needed.
  - ↳ When the downloading is complete, installation starts automatically.
  - ↳ Check the status bar to find the status. If necessary, tap the icon to start installation as prompted.

Tip

- To manage your accounts, go to **Settings** > **ACCOUNTS**. Tap an account to select your options.

Other sources

Allow the installation from unknown sources

- From the Home screen, go to > **Security**. Tap to switch on **Unknown sources**.
  - ↳ If the function is enabled, the tick box is selected.

Download/ transfer apps

- To download apps from online sources, follow the onscreen instructions;
- To transfer apps to the internal memory or SD card of the device, use the USB cable to connect **Pi3900** to your PC.

Start installation

- The downloaded apps start installation automatically;
- To find the apps that you have transferred to the internal memory or SD card, go to . Find the apps and tap the option to start installation.

Manage apps

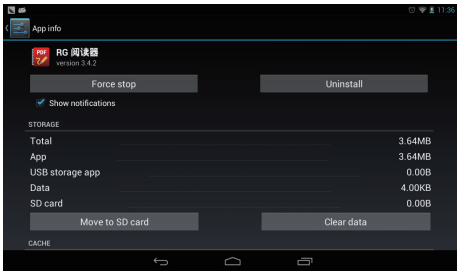
You can manage the apps on **Pi3900**, for example, install/ uninstall apps, stop running apps, or select other options.

1 From the Home screen, select **Settings** > **Apps**:

- In **DOWNLOADED**, find the apps that you have downloaded from the **Play Store** or other sources.
- On **SD CARD**, find the apps that you have installed on the SD card.
- In **RUNNING**, find the apps that are running on **Pi3900**.
- In **ALL**, find all the apps that you have installed on **Pi3900**.

2 Tap an app.

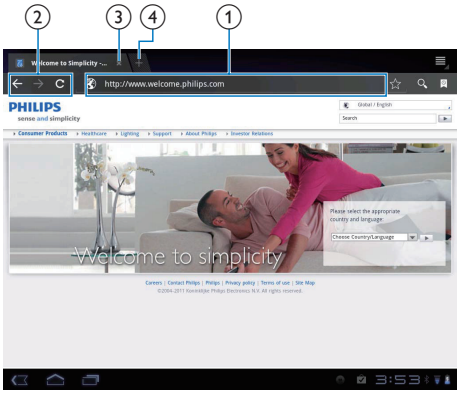
↳ Options and information are displayed.



3 Tap to select an option.

7 Browser

With , you can browse Web pages.



1 From the Home screen, tap .

2 Tap the icons or text box to do the following:

(1) Enter the address of web pages. Tap ▸ to start search.

(2) Tap the icons to search backwards, forward, or refresh the Web page.

(3) Close the Web page.

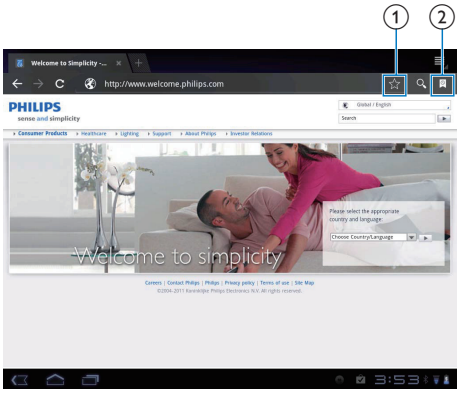
(4) Open a new Web page.

To switch between Web pages,

- At the top bar, tap the tab of the selected Web page.

Add a bookmark

Add a bookmark. You can quickly access a visited Web page.



(1) Add a bookmark to current Web page.

(2) Go to the bookmarked Web pages.

8 Email

On **Pi3900**, you can receive and send email as you do on a computer. Do the following:

- Set up your email accounts on the device.

Set up your email account

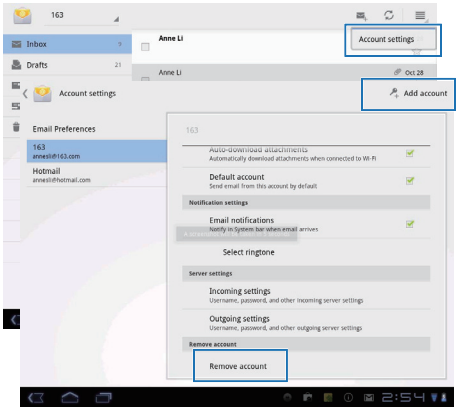
On **Pi3900**, set up your email accounts in the following ways:

- Set up your POP3 or IMAP mail accounts, or
- Set up your Microsoft Exchange account to access your Exchange mailbox at work (see 'Set up your Microsoft Exchange account' on page 25).

Set up your POP3/ IMAP account

1. From the Home screen, go to .
2. Set up your email account:
   - Enter the information about your account;
   - Select pop3 or IMAP account.
3. Follow the onscreen instructions to complete the setup.
   - Consult your email service provider for the setup information, such as the outgoing server, incoming server.

Select account settings



1. On the screen of mail list, tap ⋮ > **Settings**.
   ↳ A pop-up screen is displayed.
   - If necessary, tap ⮌ repeatedly to return to the screen of mail list.
2. Select your options for the account.

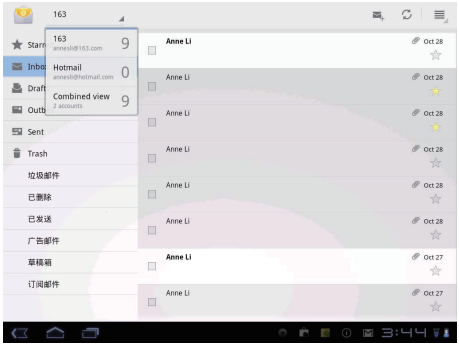
To add an account,

- On ⋮ > **Settings**, tap **Add account**.

To remove an account,

- On ⋮ > **Settings**, select **Remove account**.
  ↳ Current account is removed.

Check your email messages



You can check your email messages in the following ways:

- Check one combined mailbox;

- Check messages by account;
- Check starred messages;
- Check unread messages.

To check one combined mailbox,

1 On the screen of mail list, tap the account name.
   ↳ A drop-down list of account names is displayed.
   - If necessary, tap ⮌ repeatedly to return to the screen of mail list.

2 Tap **Combined view**.
   ↳ Different colors are used to mark the messages from different accounts.

To check messages from a single account,

1 Repeat **Step 1** in "To check one combined mailbox".

2 Tap the selected account.
   ↳ Messages from the account are displayed.

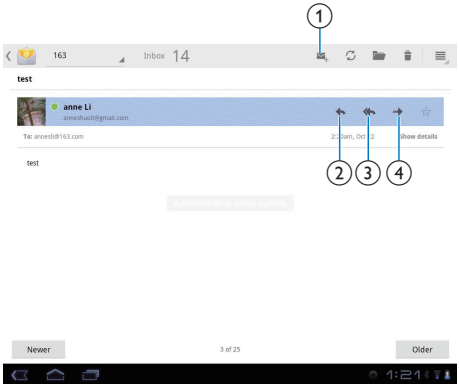
To check starred messages,

- Tap the star next to the message.
   ↳ The message is added to the **Starred** folder.

To check unread messages,

- On the screen of mail list, the unread messages are in white.

Compose email messages



When you read a message, tap the icons to do the following:

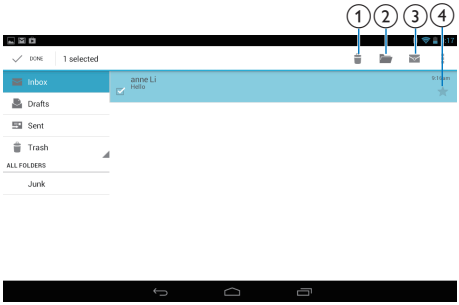
① **Compose a new message**

② **Reply**

③ **Reply all**

④ **Forward**

Organize email messages



1 On the screen of mail list, select messages you want to manage:
   - Tap the check boxes next to the messages.
      ↳ Selected messages are highlighted.

2 Tap the icons to do the following:

① **Delete the messages.**

② **Move the messages to the selected folder.**

③ **Mark the messages as read or unread.**

④ **Add the messages to the Starred folder.**

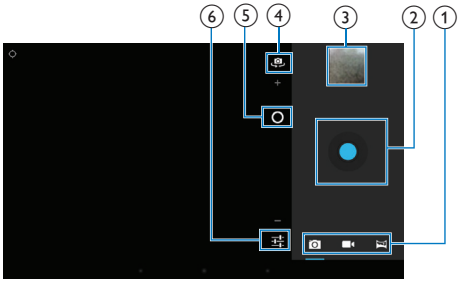
9 Tools

Camera

With the 0.3 and 2 Mega-pixel lens at the front and back, you can do the following on **Pi3900**:

- Shoot photos or videos by using the camera or video recorder;
- Have video chats with friends over the Internet.

Take photos or record videos



1. Selector for camera, video recorder, or panorama mode
2. Shutter
3. Thumbnail
4. Selector for the front and rear camera lens
5. Zoom in/out
6. Options menu

1 From the Home screen, go to .
↳ The onscreen buttons are displayed.

2 Tap , , or to switch to the camera, video recorder or panorama mode.

3 Tap to switch to the camera lens at the front or back.

4 To take photos:

① Point the lens at objects.

② Tap .

③ The photo is taken.

To record videos:

- Tap / to start or stop video recording.

To take a panoramic picture:

① Point the lens at the view.

② Tap to start shooting.

③ Sweep through the view by moving the device slowly and steadily.
↳ When the progress bar comes to the end, the shooting stops. A panoramic picture is generated.

To view photos/ videos in the Gallery,

- Tap the thumbnail .
↳ You can view the photos/ videos that you have taken or recorded.

Select settings

- Tap to select your options for the camera or video recorder:

For the camera:

- **White balance**
  Tap to select the option according to current source of lights. You can reduce the effects on colors by lights.
- **Exposure**
  Tap to select a value according to the lighting conditions.

For the video recorder:

- **White balance**
  Tap to select the option according to current source of lights. You can reduce the effects on colors by lights.
- **Time lapse recording**
  Tap to record at the selected time interval.

Calendar

On the device, you can sync the calendar with:

- the calendar of your Microsoft Exchange account (see 'Set up your

Microsoft Exchange account' on page 25).

Alarm clock

On **Pi3900**, you can set several alarms.

Set an alarm

1 Make sure that you have set the clock time (see 'Date 30).

2 From the Home screen, tap .
   ↳ The next alarm is displayed.

3 Tap .
   ↳ The set alarms are displayed.

4 To set an alarm clock,
   - To add an alarm, tap **Add alarm**.
   - To change an alarm, tap the preset alarm time.

5 Select your options. Confirm as prompted.

Time	Set the alarm time.
Repeat	Select how the alarm repeats.
Ringtone	Select the ringtone for the alarm: silence, buzzer, or ringtone.
Label	Add description for the alarm.

Switch an alarm on or off

- In > , tap the tick box next to the set alarm time.
  ↳ If the function is enabled, the tick box is selected.

Use the alarm

At the set alarm time, the alarm sounds. A pop-up screen is displayed.

- To interrupt the alarm, tap **Snooze**.
  ↳ The alarm sounds 10 minutes later.
- To stop the alarm, tap **Dismiss**.
  ↳ The alarm repeats at the next set alarm time.

Select settings

- In > , tap **Settings** to select options for your alarm, such as volume, snooze duration.

Calculator

From the Home screen, tap to use the calculator.

1 Enter numbers and mathematic operators:
   - Use the onscreen keyboard for entry.

2 Tap = to start calculation.

To clear entries,

1 Tap to put the cursor behind the entry where you start to clear.

2 Tap repeatedly.
   - Entries before the cursor are cleared.
   - To clear all the entries, tap and hold .

To copy an entry,

1 Tap and hold an entry until a pop-up screen is displayed.
   ↳ The entry is copied.

2 To paste the entry in your email, do the following:

   ① **In text box of your email, tap and hold a position until a pop-up screen is displayed.**

   ② **Tap Paste in the pop-up screen.**
   ↳ The entry is pasted to the selected position.

10 Use the device in corporate networks

You can use **Pi3900** in corporate networks. Install the secure credentials or security certificates before you access corporate networks.
The access to corporate network may allow you to set up your Microsoft Exchange account and add VPN on the device. With the Microsoft Exchange account, you can access your exchange mailbox at work.

Install secure credentials

Ask your network administrator for secure credentials or security certificates.

To install the secure credentials,

1 Make sure that you transfer the files of secure credentials from a PC to the SD card that you have mounted onto the device.

Note

- On **Pi3900**, make sure that the secure credentials are saved to the root directory of the SD card, instead of under a folder.

2 Install the secure credentials:

① **From the Home screen, go to > Security > Install from SD card.**

② **Tap the file to start installation.**

③ **Set the password and name for the credentials as prompted.**

To apply the secure credentials,

1 In , select **Security** > **Trusted credentials**.
2 Make sure that the credential is selected.
↳ If the function is enabled, the tick box is selected.
↳ On the device, you allow the applications to use the secure credentials.

Set up your Microsoft Exchange account

1 From the Home screen, go to .
2 Set up your email account:
- Enter the information about your account, and select **Exchange** as the account type.
- If you have set up other email accounts, select > **Settings** on the screen of mail list. Tap **Add account**.

3 Follow the onscreen instructions to complete the setup.
- For the server address, enter the web address for your Outlook web access, for example, owa.company name.com or mail. company name.com/owa.
- For other setup information, such as domain name, user name, check with your system administrator.

Note

- The device can work with Microsoft Exchange 2003 and 2007.

Add VPN

Virtual private network (VPN) allows you to connect to private networks through secure access.
Sometimes, you need VPN access to connect to corporate networks.

To add VPN on the device

1 Ask your network administrator for the configuration information.

2 From the Home screen, go to > **Wireless & networks** > **More** > **VPN**.

3 Configure the VPN as prompted.

4 Install the secure credentials as needed (see 'Install secure credentials' on page 25).

To connect to the VPN,

1 Make sure that you have connected **Pi3900** to the Internet.

2 From the Home screen, go to > **Wireless & networks** > **More**.
↳ A list of VPNs is displayed.

3 Tap the VPN to start connection.

11 Settings

To select your settings,

1 Go to from the Home screen.
2 Swipe up or down to scroll through lists of options.
3 Tap an option to select it.

WIRELESS & NETWORKS

Wi-Fi

In WIRELESS & NETWORKS > Wi-Fi, select your Wi-Fi settings on the device (see 'Connect to the Internet' on page 13).

Add Wi-Fi network

Enter SSID manually

SSID (Service Set Identifier) is the name of a router. By the name, the router is recognized by other Wi-Fi devices. If you have hidden the SSID of the router (for example, disable the SSID broadcasting), the router is invisible in the list of available networks. To connect **Pi3900** to the router, enter the SSID of the router manually before you search for available networks on the **Pi3900**.

1 In **Wi-Fi**, drag the slider to switch on Wi-Fi.
2 On the top bar, tap **+**.
3 Enter the SSID of the router.
   ↳ The **Pi3900** starts searching for the network.
   ↳ You can find the network in the list of networks.
4 Connect **Pi3900** to the network.

Network notification

Switch on **Network notification**. At the base of the screen, is displayed when an open Wi-Fi network is available.

1 In **Wi-Fi**, drag the slider to switch on Wi-Fi.
2 At the top bar, tap and select **Advanced** > **Network notification**.

Bluetooth

In WIRELESS & NETWORKS > Bluetooth, manage your Bluetooth settings (see 'Connect with Bluetooth devices' on page 16).

Airplane mode

Switch on the airplane mode when:

- you need to disable the access to Wi-Fi or Bluetooth for safety purposes, such as on an airplane.

In **WIRELESS & NETWORKS**, select **More** > **Airplane mode**. You can disable or enable the access to Wi-Fi or Bluetooth.

VPN settings

Use VPN settings to access private networks, such as corporate networks (see 'Use the device in corporate networks' on page 25).

DEVICE

HDMI

In **HDMI**, tap **Enable auto switch** to switch on or off the HDMI output.

Sound

In **Sound**, select sound settings for your device.

Volume	Drag the slider to select the volume level for media, notifications, and alarms.
Default notification	Set an audio file as ringtone.
Touch sounds	Sounds play when you tap on the screen.
Screen lock sound	Sounds play when you lock/ unlock the screen.

Display

In **Display**, select your display settings:

Brightness	Drag the slider to change the display brightness.
Wallpaper	Set the wallpaper of the device.
Sleep	After the selected time duration, the screen switches off automatically. To save battery power, select a low value.
Font size	Select font size for the on-screen display.

Storage

In **Storage**, learn the space information about the internal storage and SD card on your **Pi3900**.

In **Storage** > **Erase SD card**, you can erase all the data that you have stored on the SD card.

USB computer connection

In **Storage**, tap ⋮ > **USB computer connection** on the top bar. You can select how to connect Pi3900 to a PC through the USB cable, as a mass storage device or MTP device.

Battery

In **Battery**, check the battery use by applications.

Apps

In Apps, manage the apps on the internal storage of Pi3900.

Location services

- In **Location services**, switch on or off **Google's location service**.
  - ↳ If the function is enabled, the tick box is selected.
  - ↳ You can allow or disallow your location information to be used in online location services of Google, such as Maps, or other relevant services and applications.
- In **GPS satellite**, switch on to use the location services that requires GPS assistance.

Security

Screen lock

By default, to unlock the screen of **Pi3900**, press the power/ lock button and then, drag the lock to an icon.

In **Screen lock**, you can set a pattern, pin, or password as the unlock security. To unlock the screen, such unlock security is required.

None	Switch off the lock.
Slide	Slide to unlock the screen (default).
Face Unlock	Set face recognition as the unlock security.
Pattern	Set a pattern as the unlock security.
PIN	Set a PIN that consists of numbers.
Password	Set a password that consists of a combination of numbers, letters, and symbols.

Visible passwords

Your password consists of several characters. To make sure that you have entered the characters correctly, show the characters as you type the password. Switch **Make passwords visible** on or off as needed.

- Tap the tick box.
  - ↳ If the function is enabled, the tick box is selected.

Device administrators

Applications in corporate networks require the rights of device administrator, such as the email and calendar under your Microsoft Exchange account.
Before you uninstall such an application, disable the rights of device administrator.

- In **Device administrators**, tap an application.
  - ↳ The rights of device administrator are disabled.
  - ↳ You cannot sync data for the application.

Unknown sources

On **Pi3900**, you can install applications that you download from (**Play Store**), or from sources other than .

- For the applications from sources other than , tap **Unknown sources** to allow installation on the **Pi3900**.
  - ↳ If the function is enabled, the tick box is selected.

Language & input

Language

In **Language**, select the language for the onscreen instructions of **Pi3900**.

Personal dictionary

In **Personal dictionary**, add or remove words or phrases to/ from the user dictionary. You can customize the word suggestions that are displayed on the pop-up screen during your text entry on the Android keyboard.

To add a word or phrase,

- Tap **+** to add a word or phrase.
  - ↳ A pop-up screen is displayed.
- Edit the word or phrase.

To remove a word or phrase,

- Tap next to the word or phrase.

Voice Search

In **Voice Search**, select your options for Google Voice Search.

Text-to-speech output

In **Text-to-speech output**, select your options for:

- voice output for the accessibility function on the device.

Install voice data

Download the voice data for speech synthesis.

1. Connect the device to the Internet.
2. Select your preferred text-to-speech engine. Tap > **Install voice data**.
   - ↳ Select and download the voice data.

Select your options for the voice output

1. In **Speech rate**, select a speed at which the text is read, normal, fast, or slow.
2. Tap **Listen to an example**.
   - ↳ Your options are used to play the demo of speech synthesis.

reset

In **reset** > **Factory data reset**, you can erase all the data that you have stored on the internal storage of **Pi3900**.

ACCOUNTS

In **ACCOUNTS**, add, remove, or manage an account.

- Tap **Add account** to add an account.

- Tap an account to manage the account, for example, remove the account or select sync options.

Date & time

Automatic setting

Over the Internet, you can sync the date and time on **Pi3900** from Philips online services.

To switch on the automatic clock setting,

1. In **Date & time**, tap to switch on **Automatic date & time**.
   ↳ If the function is enabled, the tick box is selected.
2. In **Select time zone**, select your current time zone.
3. In **Use 24-hour format** and **Select date format**, select your options for time and date display.

Manual setting

1. In **Date & time**, tap to switch off **Automatic date & time**.
   ↳ If the function is disabled, the tick box is deselected.
2. Tap to set date, time, and time zone in **Set date**, **Set time**, and **Set time zone**.
   - To select a date, tap the date in the calendar.

Accessibility

With the accessibility function, actions on the screen of the device are read out through the text-to-speech technology, such as the taps, selection of menu items. For people who cannot read the screen clearly, the function allows them to use the device in an easier way.

Use the accessibility function

1. Tap **TalkBack** to switch on.
2. In Text-to-speech output, select your options for voice output (see 'Text-to-speech output' on page 29).

Auto-rotate screen

In **Auto-rotate screen**, tap to switch on or off screen rotation.

About tablet

In **About tablet**, learn the status and information about your **Pi3900**.

System updates

In **System updates**, check for the system updates of **Pi3900**. Make sure that you have connected the device to the Internet.
Register your **Pi3900** to access the firmware upgrades.

Register

1. Make sure that you have connected the device to the Internet.
2. To register **Pi3900**with www.philips.com/welcome,

   ① **Select System updates > Register.**

   ② **Enter your valid email address.**
   ↳ You receive an email message from ConsumerCare@Philips.com.

   ③ **Use the Web page link in the email to complete registration.**

To check registration information

You can check whether you have registered your **Pi3900**, whether you have completed the registration, and what account you have used for registration.

- Tap **Register** > **Registration information**.

To unregisterPi3900

To use another email address as your account with www.philips.com/welcome, you can unregister **Pi3900**.

1 Tap **Register** > **Unregister**.

2 Confirm as prompted.

Upgrade

1 Make sure that your device is more than 75% charged.

2 Make sure that you have connected the device to the Internet.

3 Select **System updates** > **Upgrade**.
   ↳ The device starts to check for the firmware update.
   ↳ The firmware information is displayed.

4 Follow the onscreen instructions to download the firmware update to your device.
   ↳ When the message "An update.zip is detected from your Device Storage. Do you want to have this update?" is displayed, the downloading is complete.

5 Select the option to start upgrading.

Note

- During the upgrading process, keep the screen or button untouched.
- Keep the devicepowered on before the firmware update is complete.

Status and information about the device

In **Status**,

- **Battery status**: Display the status of power charging.
- **Battery level**: Display remaining power by percentage.
- **IP address**: Display the IP address that is assigned to **Pi3900** when the device is connected a Wi-Fi network.
- **Wi-Fi MAC address**: Display the unique identifier that is assigned to the network adapter of **Pi3900**. If MAC address filtering is enabled on your router, add the MAC address of **Pi3900** to the list of devices that are allowed to join the network.
- **Bluetooth address**: Display the Bluetooth address of **Pi3900** when the Bluetooth function is switched on.

Legal information: Legal information for **Pi3900**
Model number: Model no. of the device
Android version:Firmware version of the Android platform that the deviceis running on
Build number: Software version of **Pi3900**

12 Check for firmware update

Connect **Pi3900** to Wi-Fi. You can receive notifications about firmware updates. Drag down the top bar to check the notifications.

Update the firmware online

On **Pi3900**, you can update the firmware through Philips online services over the Internet (see 'System updates' on page 30).

13 Technical data

Power
- Power adapter
  Philips ASSA1e-050200
  Input: 100-240 V~ 50/60 Hz, 0.45 A
  Output: DC 5.0 V, 2 A
- Power supply: 3,300 mAh Li-ion polymer internal rechargeable battery
- Play time[1]
  music (MP3, Wi-Fi off, earphones only): 13 hours
  video (MP4, Wi-Fi off): 5 hours
  Web browsing: 4 hours

Display
- Type: LCD Touch-sensitive screen
- Diagonal screen size (inch): 7
- Resolution: 1024 x 600 pixels

Platform

Android™ 4

Connectivity
- Headphone: 3.5 mm
- USB: 2.0 High speed, Micro type
- Wireless LAN: Wi-Fi 802.11 b/g/n
- Bluetooth
  Bluetooth profiles: A2DP, AVRCP, Object push profile
  Bluetooth version: 2.1+EDR
- Mini HDMI

Headphone sound
- Channel separation: > 45 dB
- Frequency response: 60-18,000 Hz
- Output power: 2 x 5 mW (maximum)
- Signal to noise ratio: > 80 dB

Speaker sound
- Frequency response: 100-15,000 Hz
- Output power: 600 mW
- Signal to noise ratio: > 60 dB

Audio playback
- Supported formats:
  WAV, MP3, AAC/. m4a, OGG Vorbis, 3GPP, AMR-NB (mono), AMR-WB (stereo)
  MIDI (Type 0 and 1 (.mid, .xmf,.mxmf)), RTTTL/RTX (.rtttl, .rtx), OTA (.ota), and iMelody(.imy)

Audio capturing
- AMR-NB
  Bitrate: 4.75 to 12.2 kbps
  Sampling rate: 8 kHz
  File supported: 3GPP (.3gp)
- Specified
  Bitrate: 128 kbps
  Sampling rate: 44.1 kHz
  File format: MP3
- Built-in microphone: mono

Video playback
- Supported formats:
  MPEG-4 (.avi), H.264 (3gpp, .mp4), H.263 Sorenson, H.263 (3GPP container), FLV (supported for the Internet streaming), AVI (Xvid + MP3), 3GPP

Video capturing
- H.264 Aspect ratio (4:3 or 16:9 selectable)
- Video resolution: VGA (640 x 480)
- Frame rate: 30 frames per second
- Container: .mp4
- Audio format: MP3
- Lens: Fixed focus length
- Recording time: Depending on the storage

Still picture playback
- Supported formats:
  JPEG, BMP, PNG, GIF

Still picture capturing
- Picture resolution: VGA (640 x 480)
- Picture format: JPEG, PNG
- Lens: Fixed focus length

Storage media
- Built-in memory capacity[2]:
  8 GB NAND Flash
- External storage:
  Micro SD memory card slot (Maximum memory card capacity: 32 GB)

Preloaded apps
- Play Store, Google Search, Voice Search, Browser, Gallery, Movie Studio, Play Music, Camera, Email, Calendar, Clock, Calculator
- ES File Explorer

Note

- [1] Rechargeable batteries have a limited number of charge cycles. Battery life and number of charge cycles vary by use and settings.
- [2] 1GB = 1 billion bytes; available storage capacity is less. Full memory capacity may not be available as some memory is reserved for the device. Storage capacity is based on 4 minutes per song and 128 kbps MP3 encoding.

PC system requirements

- Windows®XP (SP3 or above), Vista/7 (32-bit, 64-bit)
- Pentium III 800 MHz processor or higher
- 512 MB RAM
- 500 MB hard disk space
- Internet connection
- Windows® Internet Explorer 6.0 or later
- USB port

Specifications are subject to change without notice
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